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31496 7590 01/12/2011 SMITH PATENT CONSULTING, LLC 515 East Braddock Road Suite B ALEXANDRIA, VA 22314			EXAMINER KIM, ALEXANDER D	
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Please find below and/or attached an Office communication concerning this application or proceeding.

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1. Canceled.
2. A process for purifying wild-type von Willebrand factor (VWF) from a plasma fraction comprising steps of:
 - (i) providing a sample of plasma fraction containing wild-type VWF and one or more contaminating proteins comprising fibronectin and/or fibrinogen;
 - (ii) preparing the sample of plasma fraction in a first running buffer at pH of 7.0-7.5 that consists essentially of 10-50 mM sodium and/or potassium phosphate,
 - (iii) performing flow chromatography by loading the sample of plasma fraction to a hydroxylapatite matrix under conditions that 90% or more of fibronectin and/or fibrinogen bind to the hydroxylapatite matrix, while at the same time, less than 10% of the wild-type VWF bind to the hydroxylapatite matrix thereby providing a flow through fraction(s) containing purified wild-type VWF, wherein the flow chromatography is performed with the first running buffer; and
 - (iv) purifying wild-type VWF by collecting unbound wild-type VWF from the flow through fraction(s).
- 3-6. Cancelled.
7. The process according to claim 2, further comprising step of:
 - (v) performing binding chromatography by loading the purified wild-type VWF to hydroxylapatite matrix under a condition such that the wild-type VWF is bound to a hydroxylapatite matrix and then subsequently eluted, wherein the flow chromatography is performed with a second running buffer at pH 5.5-6.8.
8. The process according to claim 7, wherein the step (v) comprises: (a) binding the wild-type VWF to the hydroxylapatite matrix, (b) washing out impurities, and (c) eluting the wild-type VWF thereby further purifying the wild-type VWF.
9. The process according to claim 8, wherein the step (a) is performed by the second running buffer with 1 to 200 mM sodium and/or potassium phosphate.
10. The process according to claim 8, wherein the step (b) is performed by the second running buffer with 100 to 300 mM sodium and/or potassium phosphate.
11. The process according to claim 8, wherein the step (c) is performed with the second running buffer with 200 to 500 mM sodium and/or potassium phosphate.
- 12-13. Cancelled.
14. The process according to claim 2, wherein the sample of plasma fraction in step (i) has been previously purified.
15. The process according to claim 2, wherein the sample of plasma fraction in step (i) comprises a separately purified cryoprecipitate solution.
16. The process according to claim 2, wherein the sample of plasma fraction in step (i) comprises a cryoprecipitate solution precipitated with aluminum hydroxide.
17. The process according to claim 2, wherein the sample plasma fraction in step (i) comprises a chromatographically pre-purified cryoprecipitate solution precipitated with aluminum hydroxide.
18. The process according to claim 2, further comprising the step of performing a pH precipitation prior to step of carrying out flow chromatography with hydroxylapatite matrix to separate fibronectin.
19. Canceled.
20. The process according to claim 2, wherein the hydroxylapatite is fluoroapatite.
- 21-24. Canceled.